

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously Presented) A system to schedule calls for placement comprising:
a service switching point (SSP) being in communication with a first telephone station associated with said a scheduling party and at least one other telephone station associated with at least one scheduled party to be called, said first telephone station receiving call schedule information on a telephone interface and communicating said call schedule information to said service switching point (SSP);

a service node (SN) communicating with the service switching point (SSP), said service node (SN) switching point (SSP) adapted to connect at least one other telephone station with the said first telephone station in accordance with said call schedules; and

a service control point (SCP) communicating with said service switching point (SSP), and comprising: an administrative computing application, a call scheduling computing application, and a call information database, said service control point (SCP) identifying said service node (SN) as adapted to connect said at least one other telephone station with the first telephone station in accordance with said call schedules wherein said service control point (SCP) and said service node (SN) place a confirmation call to an alternate telephone station associated with said scheduling party.

2. (Previously Presented) The system of claim 1, wherein said service switching point (SSP) upon receipt of a request from said first telephone station to schedule a call, sends a request to said service control point (SCP) to execute said administrative computing application and said call scheduling application, said administrative computing application determining if said first telephone station is allowed to schedule calls, said call scheduling application, upon confirmation that said first telephone station is allowed to schedule calls, cooperating with said service switching point (SSP) SSP to accept, store and manage required call scheduling data.

3. (Original) The system of claim 2, wherein said service switching point (SSP), upon receipt of a request from said service control point (SCP), communicates a request from

said service control point (SCP) to identify service nodes (SN) that may be used to communicate with said first telephone station, said service switching point (SSP) cooperating with said identified service nodes (SN) to prompt said first telephone station to input call schedule information indicative of desired scheduled calls.

4. (Previously Presented) The system recited in of claim 3, wherein said prompts comprise information representative of: a request to enter the time of the said scheduled call, a request to enter the frequency of the said scheduled call, and a request to enter the telephone number of the said scheduled call, and a request to enter the telephone number of said confirmation call.

5. (Previously Presented) The system recited in of claim 2, wherein said call schedule application of said service control point (SCP) creates a record for each scheduled call and storing said record in said call information database.

6. (Original) The system of claim 2, wherein said request from said first telephone station includes information identifying at least the subscriber to the call scheduling service.

7. (Previously Presented) The system of claim 2, wherein said service switching point (SSP) launches a trigger application in response to the request from said first telephone station, said trigger application generating the request to the said service control point (SCP).

8. (Previously Presented) The system of claim 2, wherein the request to the said service control point (SCP) from the said service switching point (SSP) comprises information identifying a telephone station associated with said scheduling party to call at the time of a scheduled call.

9. (Previously Presented) The system of claim 2, wherein said service control point (SCP), in response to the request from the said service switching point (SSP), searches

said database for information identifying service nodes (SN) adapted to place calls to said scheduling party and to said scheduled party.

10. (Original) The system of claim 2, wherein said call schedule application of said service control point (SCP) monitors the time for scheduled calls; said call schedule application, upon reaching the time for a scheduled call communicates to said service switching point (SSP) information representative of said scheduled call comprising identified service nodes (SN) that may be used to complete the scheduled call and a request to place a confirmation call to the scheduling party, said service switching point (SSP) communicating with least one of said service nodes (SN) a request to place said confirmation call.

11. (Previously Presented) The system of claim 10, wherein said service node (SN), in response to the request from the service switching point (SSP), places said confirmation call to said first at least one other telephone station indicative of said scheduling party.

12. (Cancelled)

13. (Previously Presented) The system recited in of claim 11 or 12, wherein said service control point (SCP), upon receiving confirmation for said scheduled call, instructs said service switch point (SSP) to place said scheduled call to said scheduled party using said identified service node (SN).

14. (Previously Presented) The system recited in of claim 11 or 12, wherein said call schedule application of said service control point (SCP), upon receiving no confirmation for said scheduled call, deletes the created record for the scheduled call.

15. (Previously presented) The system of claim 1, wherein the connection between said service switching point (SSP) and said at least one other telephone station comprises a second service switching point (SSP).

16. (Previously Presented) In an advanced intelligent network (AIN) comprising a service switching point (SSP) connected to a first telephone station, a plurality of service nodes (SN) each having interactive data systems, a service control point (SCP) containing a database, and at least one telephone station, a method of call scheduling from a first telephone station to schedule calls to said at least one other telephone station, comprising the acts of:

(a) at the service switching point (SSP), accepting call schedule information from said first telephone station, representative wherein said call schedule information comprises a time for the scheduled call, a date for the scheduled call, a telephone number for the scheduled call, and a telephone number for the confirmation call, scheduled calls from said first telephone station, said service switching point (SSP) communicating said call schedule information to said service control point (SCP);

(b) processing said call schedule information by said service control point (SCP) to ascertain the parameters for the said scheduled call,

(c) storing said call schedule information by said service control point (SCP) in a said cooperating SCP service control point (SCP) call schedule information database;

(d) monitoring said stored call schedule information by said service control point (SCP) to determine if a said scheduled call is to be placed; and

(e) upon the scheduled time for a said scheduled call, placing said confirmation call to the designated telephone number by said service control point (SCP), said service control point (SCP) communicating with said service switching point (SSP) to place said confirmation call, said service switching point (SSP) communicating a request to said service control point (SCP) to identify cooperating service nodes (SN) to assist in placing said confirmation call, said service switching point (SSP) cooperating with said identified service nodes (SN) to place said confirmation call; and

(f) upon the acknowledgment of said confirmation call by the scheduling party, placing said scheduled call by said service control point (SCP), said service control point (SCP) communicating with said service switching point (SSP) to place the call according to said stored call schedule information, said service control switching point (SSP) communicating a request to said service control point (SCP) to identify cooperating service

nodes (SN) to assist in placing the scheduled call, said service control switching point (SSP) cooperating with said identified service nodes (SN) to place the scheduled call.

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Previously Presented) The method of claim 19 16, wherein said confirmation call comprises any of: a DTMF code and an electronic message.

22. (Previously Presented) The method of claim 16, further comprising, in response to receiving call schedule information from said first telephone station, the act of launching a trigger at the said service switching point (SSP), said trigger acting to notify said service control point (SCP) that a call is to be scheduled.

23. (Previously Presented) The method of claim 16, wherein the database at the said service control point (SCP) comprises information identifying for said service switching point (SSP) cooperating plurality of service nodes (SN) for use when processing scheduled calls.

24. (Previously Presented) The method of claim 23, wherein the act of identifying to the said service switching point (SSP) the plurality of service nodes (SN), comprises transmitting the directory numbers corresponding to the plurality of service nodes (SN) by said service control point (SCP).

25. (Cancelled)

26. (Previously Presented) A method of completing telephone calls comprising the acts of:

- (a) receiving from a first party information indicative of a call to be scheduled, said information comprising a first telephone number associated with a telephone station to be called, a time to call said telephone station, and a second telephone number at which a confirmation call should be placed;
- (b) storing the received information;
- (c) waiting until said time arrives;
- (d) placing said confirmation call to said first party;
- (e) transmitting, to said first party over said confirmation call, an inquiry as to whether said first party should be connected to said telephone station;
- (f) receiving a response from said first party indicating that said first party should be connected to said telephone station; and
- (g) connecting said first party to said telephone station.

27. (Original) The method of claim 26, wherein said information is received from a telephone interface of a telephone station.

28. (Cancelled).

29. (Original) The method of claim 26, wherein said information further indicates a date.

30. (Previously Presented) A system of connecting a scheduled telephone call using an automated telephone network comprising:

a telephone station for inputting the call scheduling information by the scheduling party;

a service control point (SCP) in communication with said telephone station, wherein said service control point (SCP) stores said call schedule information, and wherein said SCP and a service node (SN) place a confirmation call to an alternate telephone station identified by said scheduling party;

a service switching point (SSP) in communication with said service control point (SCP), said telephone station associated with said scheduling party, and a telephone station associated with the party to be called, wherein said service switching point (SSP) connects said scheduling party with said party to be called in response to a request from said service control point (SCP).

31. (Previously Presented) The system of claim 30, wherein said service control point (SCP) and said service node (SN) place said confirmation call before said scheduled telephone call becomes due.

32. (Previously Presented) The system of claim 30, wherein said service control point (SCP) and said service node (SN) place said confirmation call at a substantially same time said scheduled telephone call becomes due.

33. (Previously Presented) The system of claim 30, wherein said service control point (SCP) and said service node (SN) place said confirmation call after said scheduled telephone call becomes due.

34. (Previously Presented) The system of claim 30, wherein said service switching point (SSP) connects said scheduling party with said party to be called after said scheduling party acknowledges said confirmation call.

35. (Previously Presented) The system of claim 11, wherein said service node (SN) places said confirmation call to said alternate telephone station substantially contemporaneous with said confirmation call to said first telephone station.

36. (Previously Presented) The system of claim 11, wherein said service node (SN) places said confirmation call to said alternate telephone station before placing said confirmation call to said first telephone station.

37. (Previously Presented) The system of claim 36, wherein said service node (SN) places said confirmation call to said first telephone station if there is no answer at said alternate telephone station.

38. (New) A method for scheduling a telephone call, comprising:
determining at a service switching point (SSP) whether a call has been scheduled;
receiving call scheduling information from a telephone interface to the SSP;
if a call has not been scheduled, waiting for a call schedule;
receiving a call schedule service identifier (CSSI) by the SSP, once a call has been scheduled;
transferring the CSSI from the SSP to a service control point (SCP) service package application (SPA);
verifying that the submitted scheduled call is being submitted by a telephone interface authorized to schedule calls with the CSS;
accepting information by the SSP from telephone interface indicative of calls to be scheduled, wherein the call schedule information includes at least one of the following: the time and date of the scheduled call, the number or numbers to be called at the specified time and date, and the confirmation number to call prior to placing the scheduled call.